

**AGENDA:** October 8, 2002

**4.3**

**CATEGORY:** Consent

**DEPT.:** Public Works

**TITLE:** 544-Acre West Landfill Boundary Trench,  
Project 93-15D—Accept Construction

### **RECOMMENDATION**

Accept 544-Acre West Landfill Boundary Trench, Project 93-15D, and authorize the final contract payment.

### **FISCAL IMPACT**

544-Acre West Landfill Boundary Trench, Project 93-15D, is an approved capital improvement project with an amended budget of \$182,115. The boundary trench is located next to the 544-acre landfill and adjacent to the undeveloped Alza property on the north side of Amphitheatre Parkway. The final construction cost of \$97,274 is within the construction budget of \$143,000.

### **BACKGROUND AND ANALYSIS**

On October 9, 2001, the City Council awarded the construction contract to Lowery Engineering Construction of Santa Clara at the low bid price of \$143,000, which included a \$15,000 construction contingency. The project constructed a boundary trench between the undeveloped Alza parcel and the adjacent City of Mountain View landfill. The gravel-filled trench extends below groundwater and has an HDPE liner on the trench wall along the Alza side of the trench. A perforated pipe runs the length of the trench and is connected to the City landfill gas collection system. Any landfill gas migrating out of the adjacent landfill would be collected in the boundary trench and transported through the City landfill gas collection system to the flare station. The boundary trench provides an additional level of protection against landfill gas migration.

The final construction cost of \$97,274 included two change orders resulting in a \$30,726 contract saving. All work is complete in accordance with the plans and specifications.

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**PUBLIC NOTICING**—Agenda posting.

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